


## WHAT IS CLAIMED IS:

1. An engaging structure for heat sink, an edgefold (2) is provided on each of the two opposite sides of the heat sink units of the heat sink, respectively, wherein at least one engaging cut having a  shape is formed in a section  
5 connecting the respective edgefolds (2) and a base sheet (5) by punching, respectively, after the edgefolds (2) are formed, a recess in an upper portion of the engaging cut functions as an engaging groove (3), while a projection in a lower portion of the engaging cut functions as an engaging projection (4), the engaging groove (3) is disposed at the top of each of the edgefolds 2, portions of  
10 the edgefolds 2 corresponding to the engaging grooves (3) partially projects, while the engaging projection (4) is disposed in the base sheet 5 at a conjunction position between the root of edgefold (2) and the base sheet (5), and the engaging projection (4) projects outwards, the engaging groove (3) is aligned with the corresponding engaging groove (3) and match with the corresponding  
15 engaging groove (3) in width, the engaging grooves (3) of the heat sink unit are engaged with the engaging projections (4) of the previous heat sink unit, while the engaging projections (4) of the heat sink unit are engaged with the engaging grooves (3) of the next heat sink unit so that the heat sink units are superposed and engaged with one another in a row.

20 2. The engaging structure for heat sink as claimed in the claim 1, characterized in that two sets of engaging grooves (3) and engaging projections (4) spaced from each other are provided on each of two sides of the heat sink unit where the edgefolds (2) are provided.

25 3. The engaging structure for heat sink as claimed in the claim 1, characterized in that three sets of engaging grooves (3) and engaging projections (4) spaced from one another are provided on each of the two sides of the heat sink unit where the edgefolds (2) are provided.

30 4. The engaging structure for heat sink as claimed in the claim 1, characterized in that two sets of engaging grooves (3) and engaging projections (4) spaced from each other are provided on one of two sides of the heat sink unit

where the edgefolds (2) are provided, while one set of engaging groove (3) and engaging projection (4) spaced from each other is provided on the other side.

5. The engaging structure for heat sink as claimed in the claim 1, characterized in that each of the two edgefolds (2) is a whole-length structure.

5        6. The engaging structure for heat sink as claimed in the claim 1, characterized in that one of the two edgefolds (2) is a whole-length structure, while the other one of the two edgefolds (2) is a partial edgefold structure.